

What Is Claimed Is:

1 1. A method for facilitating a purchase of a memory upgrade for a
2 computer system, comprising:
3 obtaining memory configuration information for the computer system;
4 determining a memory upgrade option based upon the memory
5 configuration information;
6 presenting an option to purchase the memory upgrade option to a user of
7 the computer system; and
8 if the user indicates that the user would like to purchase the memory
9 upgrade option, automatically initiating a purchase transaction for the memory
10 upgrade option.

1 2. The method of claim 1, wherein automatically initiating the
2 purchase transaction involves automatically initiating the purchase transaction
3 through a web site that facilitates purchasing the memory upgrade option.

1 3. The method of claim 2, further comprising automatically
2 transferring at least part of the memory configuration information to the web site
3 so that the user does not have to reenter details of the memory configuration
4 information into the web site.

1 4. The method of claim 1, wherein obtaining the memory
2 configuration information involves reading serial presence detect information
3 from a non-volatile storage device within a memory module in the computer
4 system.

1 5. The method of claim 1, wherein determining the memory upgrade
2 option involves:
3 identifying a plurality of memory upgrade options that will work in the
4 computer system based upon the memory configuration information; and
5 allowing the user to select the memory upgrade option from the plurality
6 of memory upgrade options.

1 6. The method of claim 1, wherein obtaining the memory
2 configuration information involves obtaining at least one of:
3 an amount of memory installed in the computer system;
4 a maximum amount of memory that can be installed in the computer
5 system;
6 a number of memory module sockets that are available to accept memory
7 modules in the computer system; and
8 an operating speed for memory in the computer system.

1 7. The method of claim 1, wherein prior to obtaining the memory
2 configuration information, the method further comprises receiving a command
3 from the user to initiate a memory upgrade for the computer system.

1 8. A computer-readable storage medium storing instructions that
2 when executed by a computer cause the computer to perform a method for
3 facilitating a purchase of a memory upgrade for a computer system, the method
4 comprising:
5 obtaining memory configuration information for the computer system;
6 determining a memory upgrade option based upon the memory
7 configuration information;

8 presenting an option to purchase the memory upgrade option to a user of
9 the computer system; and

10 if the user indicates that the user would like to purchase the memory
11 upgrade option, automatically initiating a purchase transaction for the memory
12 upgrade option.

1 9. The computer-readable storage medium of claim 8, wherein
2 automatically initiating the purchase transaction involves automatically initiating
3 the purchase transaction through a web site that facilitates purchasing the memory
4 upgrade option.

1 10. The computer-readable storage medium of claim 9, wherein the
2 method further comprises automatically transferring at least part of the memory
3 configuration information to the web site so that the user does not have to reenter
4 details of the memory configuration information into the web site.

1 11. The computer-readable storage medium of claim 8, wherein
2 obtaining the memory configuration information involves reading serial presence
3 detect information from a non-volatile storage device within a memory module in
4 the computer system.

1 12. The computer-readable storage medium of claim 8, wherein
2 determining the memory upgrade option involves:
3 identifying a plurality of memory upgrade options that will work in the
4 computer system based upon the memory configuration information; and
5 allowing the user to select the memory upgrade option from the plurality
6 of memory upgrade options.

1 13. The computer-readable storage medium of claim 8, wherein
2 obtaining the memory configuration information involves obtaining at least one
3 of:
4 an amount of memory installed in the computer system;
5 a maximum amount of memory that can be installed in the computer
6 system;
7 a number of memory module sockets that are available to accept memory
8 modules in the computer system; and
9 an operating speed for memory in the computer system.

1 14. The computer-readable storage medium of claim 8, wherein prior
2 to obtaining the memory configuration information, the method further comprises
3 receiving a command from the user to initiate a memory upgrade for the computer
4 system.

1 15. An apparatus that facilitates a purchase of a memory upgrade for a
2 computer system, comprising:
3 a configuration lookup mechanism that is configured to obtain memory
4 configuration information for the computer system;
5 a determining mechanism that is configured to determine a memory
6 upgrade option based upon the memory configuration information; and
7 a purchasing mechanism that is configured to present an option to
8 purchase the memory upgrade option to a user of the computer system;
9 wherein if the user indicates that the user would like to purchase the
10 memory upgrade option, the purchasing mechanism is configured to automatically
11 initiating a purchase transaction for the memory upgrade option.

1 16. The apparatus of claim 15, wherein the purchasing mechanism is
2 configured to automatically initiate the purchase transaction through a web site
3 that facilitates purchasing the memory upgrade option.

1 17. The apparatus of claim 16, wherein the purchasing mechanism is
2 configured to automatically transfer at least part of the memory configuration
3 information to the web site so that the user does not have to reenter details of the
4 memory configuration information into the web site.

1 18. The apparatus of claim 15, wherein the configuration lookup
2 mechanism is configured to read serial presence detect information from a non-
3 volatile storage device within a memory module in the computer system.

1 19. The apparatus of claim 15, wherein the determining mechanism is
2 configured to:
3 identify a plurality of memory upgrade options that will work in the
4 computer system based upon the memory configuration information; and to
5 allow the user to select the memory upgrade option from the plurality of
6 memory upgrade options.

1 20. The apparatus of claim 15, wherein the configuration lookup
2 mechanism is configured to obtain at least one of:
3 an amount of memory installed in the computer system;
4 a maximum amount of memory that can be installed in the computer
5 system;

6 a number of memory module sockets that are available to accept memory
7 modules in the computer system; and
8 an operating speed for memory in the computer system.

1 21. The apparatus of claim 15, wherein the apparatus is configured to
2 operate upon receiving a command from the user to initiate a memory upgrade for
3 the computer system.